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Oregon Tualatin Valley Amateur Radio Club (Est. 1978) ***October 1999***

PRESIDENT'S MESSAGE

By Betty, N7REX

Another month has passed. Another public service event has taken place. I have gotten through another first time without Chuck. The event itself was a 'walk in the park' as compared to the other two for the year.

Before the event even began, we had a little crisis to deal with. The person in charge wanted me to park the motorhome on the wrong side of a tree lined street. As I was carefully missing the large branches, a smaller one got tangled up in the glass mount antenna and snapped it off. Fortunately, Chuck kept the ringo ranger, 20 feet of mast, and extra coax in the motorhome. His motto of always having more that you expect to need paid off this time.

The SWR meter was, of course, in the last box we pulled out; but we got the necessary readings, switched coax cables, and were ready for the event. Diana from the American Diabetes Association wishes to thank all who helped. She also said she wished the participants understood what a critical part ham radio operators play.

Both October and November are slow months for public service for the club. October has the Portland Marathon which is organized by PARC, but many OTVARC members help. November has the Santa Claus Parade in downtown Portland and it is organized by our own Jim Schaeffer KB7ADH. Jim is also very involved in the Portland Marathon.

It is that time of year to be thinking about what direction you want the club to go in the new millennium. Volunteer to run for an office. Volunteer to chair a committee. Volunteer to be an 'Elmer' to a new ham. Bring newly licensed hams to the meetings. Share program ideas with the board. Offer to do a program on an area of special interest to you. In short, get involved. The club needs you.

It is also time to think about what you want our holiday party to look like. For the past several years we have had live music and a short awards celebration. Any ideas for this year???? We could plan the same as before if that is the consensus. Let us know at the October meeting.

73, Betty

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NEXT MEETING

WEDNESDAY, October 13th

The Second Wednesday gatherings are times for a friendly "eyeball" QSO. If you've been too busy to attend meetings, why not add the club meeting to your Second Wednesday schedule this month. Many come early for dinner. Our Meeting and Program begin at 7 pm. See you at the Elk's Club.

Handy beam headings from the Web: Sometimes it's difficult and time consuming to calculate beam headings when working stations in the Continental US and Caribbean. Mark Downing, WM7D, offers a service on his WM7D.net site at http://www.wm7d.net/azproj.shtml that, when you enter your coordinates, will draw a map centered on your QTH. OTVARC

ARRL Board Acts on CC & Rs

At its recent meeting, the Board of Directors adopted a resolution dealing with Covenants, Conditions, and Restrictions and their impact on the ability of Amateur Radio operators to establish proper antenna systems. On motion of Walt Stinson, W0CP, and seconded by Frank Fallon, N2FF, the board unanimously adopted the following:

WHEREAS, residential developments are routinely subject to restrictive covenants that limit or preclude the ability of a large and increasing number of amateurs and prospective amateurs to erect ham radio antennas; and

WHEREAS, severe antenna restrictions are contrary to the interests of our members and to the viability of the amateur radio service;

NOW, THEREFORE, BE IT RESOLVED, that the Executive Vice President, utilizing the resources of the General Counsel, specialized counsel, staff and volunteer counsel, as appropriate, is directed to develop and implement strategies to induce developers, and others who have influence in these matters, to relax the restrictive covenant declarations pertaining to amateur radio and/or antennas, so that amateur radio activities might be broadly accommodated.

As many states are adopting legislation to assist Amateur Radio antenna erection, the next battle field is in contract law, where these CC & Rs are lodged.

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Amateur Radio Spectrum Protection Act

One-hundred-seventeen members of congress have signed on as sponsors of H.R.783, the Amateur Radio Spectrum Protection Act. Oregon representatives sponsoring the bill are: Greg Walden (R-Dist 2); Earl Blumenauer (D-Dist 3) and Peter DeFazio (D-Dist 4). If you live in District 1 or 5 you may want to talk with your Representative and explain the role Amateur Radio plays in our community.

Amateur Radio Spectrum Protection Act of 1999 - Amends the Communications Act of 1934 to prohibit the Federal Communications Commission (FCC), after July 1, 1999, from making any reallocations of amateur radio service (ARS) and amateur satellite service (ASS) frequency bands, diminishing the secondary allocations of such bands to ARS or ASS, or making additional allocations within such bands that would substantially reduce their utility.

OTVARC LUNCH BUNCH

The October Lunch Bunch gathering will be at CHANG'S MONGOLIAN GRILL, 1935 NW 167th Place (at Cornell Road). The telephone number is 645-7718. We will meet at 1:30 pm on the 16th of October (3rd Saturday).

To get there, go west on Highway 26, take the Cornell Road exit and travel west on Cornell Road about 1 mile. From the Hillsboro area, take Cornell Road east about 1 mile past 185th Avenue. CHANG'S is on the north side of Cornell Road.

Talk in will be on 146.90 MHz. Everyone is invited for some good food and conversation. CHANG'S is one of the OTVARC favorites.

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ARRL Northwestern Division

Greg Milnes, W7OZ

Your Division Director is on the move in late September and October. I'll be at the Anchorage Alaska state convention the last weekend of September, then "mush" up to Fairbanks for their hamfest the following weekend.

I'm only back for a few days then its to Silverdale for the North Kitsap Hamfair and off to St. Louis for the ARRL Volunteer Resources Committee (I'm the chairman so I probably should be there). Then follows a visit to the Bozeman Hamfest and back to the Bellingham Hamfair the next weekend.

The ARRL and many, many people are waiting for the FCC to act on the Restructuring matter. When will that happen? Don't know. When I worked for the FCC Broadcast Bureau as a lawyer, I was give a case to work on. The first filing in that case was two months before I was born (I was

Continued, Northwest Division, page 3

BORSCH ELECTRONICS

Communications Servicing

9935 S.W. Johnson St.
Tigard, OR 97223

Joe Borsch W7PNS (503) 684-5201

ARRL Northwestern Division, Continued from page 2

about 27 years old back then). The case (a slam dunk) was finished in late 1966. So I have some experience with FCC delay. The League is trying to exert some behind the scenes pressure.

Give a try at registering for Universal Licensing System. See ARRL Web page www.arrl.org for details or my NW Division newsletter. 73 & 88 where appropriate.

Greg Milnes W7OZ
Northwestern Division Director

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FCC Increases 10-Meter Enforcement

From the ARRL

The FCC's Legal Adviser for Enforcement Riley Hollingsworth says hams can expect more rigorous enforcement on 10 meter issues next year. Over the Labor Day weekend, Hollingsworth told visitors to the Shelby Hamfest in North Carolina that the next area of enforcement would be the encroachment of unlicensed individuals into the 10-meter band and a crackdown on illegal RF amplifiers. His announcement drew loud applause from the Shelby crowd.

Hollingsworth elaborated on the comments this week in an interview concerning this and other enforcement issues. "We're coming on to ten months of rejuvenated amateur enforcement now, and two issues are clear--two areas we need to really crank up on next year," Hollingsworth said. "One is the incursion into 10 meters by unlicensed operators--CBers and so forth. The other is sales of illegal equipment on the Internet and at hamfests."

At Shelby, Hollingsworth told the crowd that he'd spotted more illegal equipment at Shelby that he'd seen last May at the Dayton Hamvention. At the Hamvention, FCC Field Office personnel from Detroit warned several vendors about potential violations involving RF amplifiers.

The Shelby Hamfest, held at the Cleveland County Fairgrounds, is best known for is flea market, not for its forums, but Hollingsworth still managed to draw a standing-room-only crowd for his Sunday morning presentation.

After addressing the overflow forum audience, Shelby Ham- organizers hastily scheduled a second forum and rearranged the room to gain more seating. Hollingsworth was scheduled to appear at the Virginia State Convention in

(See Enforcement, page 4)

Amateur Radio Emergency Service Participates In Patriot Medstar Exercise

David, KD7EFJ

In June an area wide exercise was held to help prepare for a major disaster. Eighteen hospitals in the greater Portland area participated in the drill. A group of 42 local volunteer radio operators from the Amateur Radio Emergency Service (ARES) tested emergency communications between all the area hospitals. In the event of widespread power outages and loss of communication and telephones in such an emergency ARES would be called upon to provide emergency communications between all the area hospitals.

This test confirmed the need to have such a service available and was deemed a success by Hillsboro Emergency Manager Sharon Kennedy – KD7CWP, who is also an Amateur Radio Operator and member of ARES.

Several area hospitals already have installed an Amateur Radio Base Station that will allow the hospital to have instant communications in case of a disaster. Other hospitals must rely on ARES members being able to bring their own radio equipment to the hospital for use during a disaster. In an actual emergency this may not always be possible because many of the exercises and disaster responses occur during the normal work week, so these volunteers must take time off from their jobs to participate. For this reason Sharon Kennedy is recommending that each of our hospitals install their own base station for such emergencies. With the number of recent earthquakes in the region and in the unlikely event of an isolated communications outage related to Y2K , the need for such equipment is becoming an urgent matter of concern.

Tuality Healthcare in Hillsboro is one of the hospitals that does not have such a base station installed and a drive for contributions has been started to get one installed before the end of this year so we can be ready for any Y2K problems that may arise. The Hillsboro Chamber of Commerce Public Safety Committee has recently committed matching funds to the first $500.00 raised for this project.

The total cost of a fully equipped base station is in the $5,000 to $6,000 range. This includes the mobile cart, antennas, cabling, installation, battery back up, inverters, packet data computer, and the radio equipment needed for communication.

Continued, MEDSTAR, page 5

World Amateur Radio Day

from IARU

World Amateur Radio Day is observed each year by the International Amateur Radio Union. The theme of this year's event on Saturday, September 18--Celebrating Success in Amateur Digital Communication--highlighted the impressive contributions by the world's 2.7 million radio amateurs to progress in digital radio communication. The IARU is a worldwide federation of national Amateur Radio organizations representing radio amateurs in 150 countries, and is a Sector Member of the International Telecommunication Union.

Radio amateurs began experimenting with packet radio more than 20 years ago. A number of different ways of sending digital data by radio were tried before a protocol known as AX.25 was devised. By the mid-1980s, long before its popularization in commercial and government services, packet radio had become a mainstay of Amateur Radio communication.

More recently, amateurs have developed and introduced to the world a number of improved systems for transmitting digital data reliably on HF. HF communication depends on the ionosphere, which is in a state of constant and sometimes very rapid change. Sending error-free digital signals through the HF environment, where noise and distortion are nearly always present, is a significant engineering challenge. Digital modes developed by amateurs, including PACTOR, CLOVER, G-TOR, PACTOR II, and PSK31, are recognized as having contributed enormously to the HF communications art.

Radio amateurs commonly use what they have learned through their avocation in contributing to other telecommunications services. The broadcasting, mobile, and satellite services, to name but a few, would be far less advanced were it not for the skills of radio amateurs who happen also to be radio professionals.

Next year's World Amateur Radio Day--April 18, 2000--marks the 75th anniversary of the founding of the IARU in Paris on that date in 1925.

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Enforcement, from page 3

Virginia Beach September 18-19. Hollingsworth says the enforcement initiative aimed at call sign hoarders has met with some success. "I appreciate the people who have come in on their own and either turned in or trimmed down the number of club call signs that they had," he said this week.

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ULS Vanity Processing

The FCC's new Universal Licensing System has moved a bit closer to resuming full-scale amateur vanity call sign processing. Several lucky applicants who had submitted call sign requests in the pre-ULS era benefited in recent days from some "live" testing of the ULS vanity processing system. A few not-so-lucky applicants soon will learn, however, that the FCC had to rescind some of those vanity grants it cranked out--and should not have--during those "test runs."

The ULS has been accepting vanity applications since it inaugurated the ULS for the Amateur Service August 16. Some 30 vanity call sign applications dating from July were processed September 16. The FCC ran a batch of another 50 or so vanity applications September 21. "We're taking it slow," a ULS spokesperson said.

But while reviewing the vanity applications processed, FCC personnel found some that should not have been granted in the first place, because the applicants made various fatal errors in the application process. The FCC says those call signs will be cancelled and the applications dismissed. "And there will be plenty more, I'm sure," the spokesperson said, anticipating additional dismissals down the road. The FCC has the option of rescinding any grant within 30 days.

Barring any unforeseen major problems, the FCC anticipates additional "live test" runs before resuming full-scale vanity processing, possibly by month's end. Once that happens, vanity call sign processing will occur every day for eligible applications based on date of receipt. Gone under ULS are weekly processing runs and the dreaded work-in-process--or WIPs--stack of applications that were kicked out of the former automated system and designated for manual processing. Under the ULS, applications that would have gotten an additional manual review in the past now will be automatically dismissed and returned to the applicant for correction and refiling.

Vanity applications not accompanied by payments within the 10-day deadline will be dismissed automatically. The ULS now permits applicants to make credit card payments on-line. The fee for a vanity call sign application increased to $14 on September 14.

In the wake of comments and criticisms about the difficulty of having to configure a dial-up connection with a particular browser (Netscape version 4.5 or higher and version 4.61 preferred) to file an application, the ULS Task Force says it's planning to convert to electronic filing via the Internet. But a spokesperson says that is not likely to happen for another six to nine months. In the meantime, some have opted to file a paper Form 605 instead.

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HAMFESTS AND CONVENTIONS

From Greg, W70Z, NW Division Director

October 16 — Gallatin Ham Radio Club, Bozeman, MT
Laura Marino Lubner, KJ7UN
PO Box 4381, Bozeman, MT 59772
406-586-6659 (Don Wilson, KC7EWZ)
E-mail: hrc@bigfoot.com

October 17 — Chehalis Valley ARS, Chehalis, WA
Bill Harwell, KC7QHJ
362 SW Chehalis Ave., Chehalis, WA 98532
360-748-8086
E-mail: bharwell@localaccess.com

October 23 — Mid-Valley ARES SWAPTOBERFEST at the Polk County Fair grounds in Rickreall, OR.
Doors open at 9AM.
Contact Gary, KC7BSX, 503-838-2008

October 30 — Bellingham, WA

Year 2000

April 8 — Lilac City ARC, Spokane, WA
Warren Kelsey, KJ7BB
1405 South Crestline
Spokane, WA 99203
509-534-8443

May 19-21 — ARRL National Convention, Dayton, OH
Dayton ARA, Dave Coons, WT8W
932 Hedwick St.
New Carlisle OH 45344
937-849-0604
E-mail: wt8w@arrl.org

June 1-4 — Northwestern Division Convention
Seaside, OR
Randy Stimson, KZ7T
9890 SW Inglewood St.
Portland, OR 97225
503-297-1175

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MEDSTAR from page 4

Those businesses and individuals in Hillsboro wishing to contribute to this much needed project should send their contributions to Ms. Catherine Crooker at the Tuality Hospital Foundation, 681-1617. Those with questions should contact Sharon Kennedy – KD7CWP at 642-0370 during the day, or David Cooper – KD7EFJ at 693-825 during the day.

Once this base station is in place then the process to install a base station will continue with Tuality Hospital in Forest Grove.

Ham Radio Storm Response

Modified from ARRL News

Response to the threat posed by Hurricane Floyd galvanized hams throughout the southeastern US. While the Hurricane Watch Net continues to assist weather forecasters in tracking the progress of the huge and dangerous storms, members of the Amateur Radio Emergency Service and the Radio Amateur Civil Emergency Service assist governmental agencies and relief organizations such as the Red Cross.

During Hurricane Floyd, hams in the Bahamas continued to feed damage reports to the Hurricane Watch Net on 14.325 MHz. In addition to weather observations, several Bahamian stations passed along damage reports. Early amateur reports from the Bahamas indicated no deaths or serious injuries in the Bahamas, but there was extensive property damage.

Hurricane Watch Net participants and controllers were hampered by less than ideal propagation. Northern Florida SEC Nils Millergren, WA4NDA, reported hams were helping to provide communication at shelters in more inland counties, where thousands of coastal residents and visitors took refuge, as well as assisting in communication for hospitals and ambulance services. Millergren reported that Volusia County alone had 21 shelters open housing some 3000 evacuees. He says 10 shelters were opened in Seminole County, one filled to capacity, housing more than 900 evacuees, while hams are helped staff shelters in Columbia and Alachua counties sheltering more than 3200 evacuees and more than three dozen ARES members on duty at those sites. Shelters also opened in Flagler, Lake, and Orange counties, providing refuge for another 1800 or so evacuees.

The voluntary communications emergency included 3993.5 and 3915 kHz in South Carolina, 3923, 3926 and 7232 kHz in North Carolina, 7275 kHz and 3975 kHz in Georgia, and 3620, 3910, 3947, 7260, and 7105 kHz in Virginia. In addition, the FCC requested that hams relinquish 145.17, 145.43, 145.73, 146.76, 147.30 and 147.36 for emergency traffic in Virginia. Some health and welfare traffic was being passed on 14.262 MHz, but the US does not have a third-party traffic agreement in place with the Bahamas.

Goldwater Ham Station to Become Museum Exhibit

The well-known ham station of the late Sen Barry Goldwater, K7UGA, is being donated to the Arizona Historical Society for display as a museum exhibit. The Society plans to set up the massive station console and equipment "as the late Senator used it," said Reba Wells Grandrud, director of the Society's Central Arizona Division.

Current plans call for the K7UGA station equipment and console to be moved from the Goldwater home in Paradise Valley, Arizona, and reassembled at the Society's museum in Tempe sometime during the next year. Details are still being worked out. "We're just delighted," Grandrud said. "We felt it was very appropriate to have this here."

Goldwater's station and massive antenna system were used to complete thousands of phone patch messages for troops during the Vietnam War. The antennas have been dismantled and sold, and will not be a part of the museum exhibit.

The museum intends to display the station intact and hopes to recreate the look and feel of the original Goldwater ham shack through the use of digital photographic techniques. While it's unlikely the station itself would be operational, she said the museum might "simulate" an operating setup for the sake of visitors.

Goldwater died May 29, 1998. Grandrud said she approached Goldwater's widow, Susan, about having the museum--a state agency--acquire the K7UGA station for display.

Grandrud could not say if the exhibit would be a permanent one but said Goldwater's station would be maintained as part of the museum's collection.

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Amateur Radio may play a role in **NBC's** New show **Third Watch,** which premiered September 23 (the show's regular time slot will be on Sundays at 8 PM). Several months ago the ARRL was contacted by a production company staff member who wanted information on ham radio. At the time, she said that one of the main Third Watch characters would also be an Amateur Radio operator. No word on how large a role ham radio might have.

HURRICANE, from page 5

The FCC asked hams not involved in the storm emergency to avoid designated frequencies on HF and VHF that are being used for emergency traffic during such storm watch periods. The voluntary communications emergency in affect during Hurricane Floud used 3993.5 and 3915 kHz in South Carolina, 3923, 3926 and 7232 kHz in North Carolina, 7275 kHz and 3975 kHz in Georgia, and 3620, 3910, 3947, 7260, and 7105 kHz in Virginia. In addition, the FCC requested that hams relinquish 145.17, 145.43, 145.73, 146.76, 147.30 and 147.36 for emergency traffic in Virginia. Some health and welfare traffic was passed on 14.262 MHz, but the US does not have a third-party traffic agreement in place with the Bahamas.

Hams in Georgia also staffed Red Cross shelters and emergency nets. North Carolina Section Manager Reed Whitten, AB4W, went to other parts of the state for additional to back up local operators in the Wilmington and Lumberton areas. Radio operators were stationed at the state Emergency Operations Center and activated county EOCs.

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Oregon Simulated Emergency Test November 13

Sharon, KD7EFP

The next Oregon state-wide simulated emergency test (SET) is Saturday morning, November 13th. Reserve the date. This exercise is being designed by ARES District 1, and we are the first in the rotation among the ARES Districts to design and conduct the semi-annual SET. If anyone has some creative ideas for the exercise or want to participate, they can contact Sharon Kennedy – KD7CWP at 642-0370, or Ernie Johnson, KC7PMZ at 647-0860. We're hoping to staff the county and city emergency operations centers and well as the three area hospitals. We could easily put about 20 or more operators to work.

We have a new volunteer making the telephone calls looking for volunteers for ARES activities: Bill Lennox, KD7EFP. Bill lives in Hillsboro and, as indicated by his call sign, he is a new ham. We're using up generous amounts of his free time to contact the "old reliables" as well as new volunteers for ARES activities. It's a tough job; so, when Bill calls to ask for your assistance, please just say "yes!" You'll be glad you did! I'm also working to get Bill to the next (and subsequent) OTVARC meeting, so you can see his smiling face.

Radio Spectrum Protection Act of 1999

`o ensure the availability of spectrum to amateur radio operators.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled,

SECTION 1. SHORT TITLE.

This Act may be cited as the `Amateur Radio Spectrum Protection Act of 1999'.

SEC. 2. FINDINGS.

The Congress finds the following:

(1) More than 650,000 radio amateurs in the United States are licensed by the Federal Communications Commission.

(2) Among the basic purposes of the Amateur Radio and Amateur Satellite Services are to provide voluntary, noncommercial radio service, particularly emergency communications.

(3) Emergency communications services by volunteer amateur radio operators have consistently and reliably been provided before, during, and after floods, hurricanes, tornadoes, forest fires, earthquakes, blizzards, train accidents, chemical spills, and other disasters.

(4) The Federal Communications Commission has taken actions which have resulted in the loss of at least 107 MHz of spectrum to radio amateurs.

SEC. 3. FEDERAL POLICY REGARDING REALLOCATION OF AMATEUR RADIO SPECTRUM.

Section 303 of the Communications Act of 1934 is amended by adding at the end the following new subsection:

`(z) Notwithstanding subsection (c), after July 1, 1999-- `(1) make no reallocation of primary allocations of bands of frequencies of the amateur radio and amateur satellite services;

`(2) not diminish the secondary allocations of bands of frequencies to the amateur radio or amateur satellite service; and

`(2) not diminish the secondary allocations of bands of frequencies to the amateur radio or amateur satellite service; and

`(3) make no additional allocations within such bands of frequencies that would substantially reduce the utility thereof to the amateur radio or amateur satellite service; unless the Commission, at the same time, provides equivalent replacement spectrum to amateur radio and amateur satellite service.'.

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W1AF: 90 Years Old And Still Going Strong

The Harvard Wireless Club celebrated its claimed status as the oldest Amateur Radio club in the US with a special event operation on the weekend of October 2-3. During the club's 90th anniversary observance, members attempted to work as many stations as possible around the world.

The Harvard Wireless Club dates its origin to early 1909, when it was founded by Prof George W. Pierce. First known as the Radio Society of the Institute for Geographic Exploration at Harvard, the club assumed its current name the following year. The W1AF call sign dates back to the early 1920s.

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BEST YET, from page 8

Thanks also to Alvin Carlson, KB7VHI, and Ernie Johnson, KC7PMZ, who have proven the value of the band pass filter to several jurisdictions and hospitals. Most of all, a big "thank you" to all who participated! For more information you can contact me at (503) 642-0370 or sharonk@ci.hillsboro.or.us, or any of the operators who participated.

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Banks, Oregon 97106

County-Wide Y2K Exercise the Best Yet!

By Sharon, KD7CWP

All participants agreed this exercise was the best yet! The Washington County-wide exercise on September 8th kept about 14 amateur radio operators at eight different locations hopping – so much that they couldn't keep up with all the message traffic. This exercise was a first on a couple of counts – the first time we have scripted amateur radio traffic at the different locations to ensure they stayed busy, and the first time we have used an amateur radio "simulators" to inject message traffic into play. It has always been a pet peeve of mine that we don't have enough play directed at ham volunteers to keep them busy. As one of the exercise designers, I've finally solved that problem by using operators (Ernie Johnson, KC7PMZ, Claire Johnson, KD7PMW, and Curt Jutzi, KC7WCU) as "simulators," to inject messages to the different operating locations.

True to form, we re-learned several lessons from this exercise! First and foremost, there are never enough frequencies to go around, either repeater or simplex. We need to do more simplex testing to know who can talk to whom over simplex, so that net control can send operators off-frequency as a more certain option. Second, we need to strike that elusive balance between "tactical" traffic and traffic passed in NTS format. We definitely have a need for both, which takes us back to my first lesson: if we had more frequencies, we could pass more NTS traffic, when appropriate. Third, we found some installed equipment upgrade requirements and other problems which we need to document and submit to the appropriate jurisdiction for correction. Antennas top the list, as well as upgrades to support a new county-wide 440 MHz packet network. We need to let the EOC staff we are supporting provide us the messages to be passed in whatever format they would use for other purposes. For example, if they have a message form they use in the EOC to pass messages between staff positions, that form should be sufficient to give to an amateur radio operator. The operators decides which mode is best and formats the message as required. If the staff we're supporting has to figure out how to fill out an ARRL radiogram form before we'll send their message, they're never going to use us. We need to be creative when providing customer service.

As a side note, our livelier exercise schedule lately has gotten several of the jurisdictions and hospitals excited about purchasing and installing their own amateur radio equipment. Thanks to each of you that have taken the time and effort to respond with your own equipment in support of those jurisdictions and hospitals who have none.

See **BEST YET**, page 7

Neighborhood Winter Storm and Y2K Exercise a Success!

By Sharon, KD7CWP

A dreaded heavy winter storm came early this year – on Saturday, August 28th - to just few square block area in the city of Hillsboro. A group of about thirty-six amateur radio operators, Community Emergency Response Team (CERT) members, and Neighborhood Watch members battled the winter storm, with a few Y2K disruptions thrown in for good measure, and declared victory!

iEARS, Intel Corporation's amateur radio group, provided their Winnebago filled with amateur radio gear and two operators (Ed Clark, KC7ZBI, and Chris Hermann, KD7DXS) FOR net control. Hal Lillywhite (AB7MW and also CERT-trained) acted as incident commander, dispatching teams of 2-3 CERT and Neighborhood Watch members accompanied by an amateur radio operator for communications.

For two hours, Hal and the teams responded to incidents such as utility outages, downed power lines, medical emergencies, automobile accidents, lost children, and injured pets. Their biggest challenge was a simulated roof collapse, which trapped three victims and wounded several others. In response to the roof collapse, the teams used cribbing techniques to safety extricate the victims from under the debris, conducted medical triage, set up a medical treatment area and transported the patients there, conducted head-to-toe assessments for medical problems, and bandaged and splinted the wounds.

Hillsboro Fire Department had their training officer, an engine company, and a rescue squad standing by to provide training and ensure the safety of both victims and rescuers. The teams also conducted "rumor control," verifying reports of traffic signal outages, locating sources of ice and batteries, verifying reports of a downed plane, and even checking the ATM at First Tech Credit Union to see if it was really spitting out cash! In the end, lots of learning was going on and a good time was had by all.

The exercise was conducted in preparation for an activation on New Year's eve. If you would like to participate in a "situation status" net on New Year's, please contact Sharon Kennedy, KD7CWP, at 642-0370 or sharonk@ci.hillsboro.or.us. OTVARC

OTVARC Club Contacts

OTVARC Executive Board			
President	Betty Mickley	N7REX	642-1284
Vice President	J.D. Fort	K7JDF	259-0269
Secretary	Mike McDonald	KC7YSW	692-5893
Treasurer	Hanford Van Ness	KE7BB	246-7975
Trustee	Jack Smithson	KA7HOJ	646-1873
Trustee	Will Sheffield	N7THL	642-7314
Trustee	Janet Bell	WB7FJC	648-4147
Trustee	Al Berg	W7SIC	640-5456
Trustee	Maureen O'Rourke	KA7LAP	591-9641
Other Club Contacts			
ARRL Coordinator	Bob Orr	WF7Q	472-2716
Bunny Hunting	OPEN		
Contesting	OPEN		
DX News	OPEN		
Equipment Loan	Stan Griffiths	W7NI	649-0837
Equipment Valuation	Randy Stimson	KZ7T	297-1175
Equipment Trustee	Al Berg	W7SIC	640-5456
Emergency Services	J.D. Fort	K7JDF	259-0269
Field Day Cordinator	Harold Landers	WA0BRU	646-1546
	Jack Smithson	KA7HOJ	646-1873
Healthe & Welfare	Mary Berg	N7TRW	640-5456
Historian	Al Berg	W7SIC	640-5456
Internet Home Page	Mike Boyd	N7DKQ	640-6041
Member Badges	Carl Clawson	WS7L	629-5796
Newsletter Editor	Ev Curry	W6ABM	681-2345
Newsletter Layout	Ev Curry	W6ABM	681-2345
Newsletter Distribution	Al Berg	W7SIC	640-5456
Nominating Committee	OPEN		
Packet - Club BBS	Rick Braun	KB7OGD	645-1490
Project Night	Alan Chinnock	KB7POR	636-2237
	OPEN		
Public Relations	J.D. Fort	K7JDF	259-0269
Public Service	Randy Stimson	KZ7T	297-1175
Repeater	Wes Allen	K7WWG	649-3295
RFI & TVI	Dale Mosby	K7FW	640-0217
Satellites	OPEN		
Scholarship	Carl Clawson	WS7L	629-5796
Sea-Pac	Al Berg	W7SIC	640-5456
"	Brad Beach	N7NVC	657-1781
"	Jim Schaeffer	KB7ADH	245-2518
"	Randy Stimson	KZ7T	297-1175
"	Will Sheffield	N7THL	642-7314
Station Trustee	Hanford Van Ness	KE7BB	246-7975
Social	Harold Landers	WA0BRU	646-1546
Technical Specialist	Stan Griffiths	W7NI	649-0837
Tower Ordinances	Greg Milnes	W7OZ	648-6990
Trailer	Dee Lynch	KA7NPN	646-4580
Training(code)	Burt Rooke(PCC)	KI7JX	241-2891
Training(Novice/Tech)	Jim Mockley	AB7XD	629-9354
Training(upgrade)	OPEN		
VE Test Coordinator	Carl Clawson	WS7L	629-5796
VHF/UHF	Arnold Jensen	N7YAG	543-3713

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OTVARC Club Information

Purpose: The Oregon Tualatin Valley Amateur Radio Club, a Not-for-profit corporation, wants to be instrumental in helping the prospective as well as established Amateur to become a proficient communicator in the Amateur Radio Service.

Additionally, the intent is to promote the advancement of Amateur Radio Service, through the following five objectives:

1. Education & Training of new and licensed Amateurs.
2. Public Service during public events & community activities.
3. Emergency communications during emergencies & disasters.
4. Hobby enhancement through meetings, nets & contests.
5. Social contact with other amateurs & interested persons.

Special Service Club: OTVARC is an ARRL Special Service Club. The ARRL grants us this distinction due to our participation in emergency pre- paredness exercises, public service events and other service-oriented programs. In addition, continuing educational and training programs are conducted for FCC licenses. OTVARC benefits from you joining the ARRL through OTVARC. To join or renew your membership in the ARRL, contact the treasurer at any regular meeting.

Newsletter: The *OTVARC Oscillator* is the club newsletter. It is published monthly and is usually mailed on the first of the month. The opinions, views, and recommendations of its contributors are not necessarily those of the club, its officers, advertisers or the editorial staff.

Correspondence: All correspondence may be sent to OTVARC, PO Box 5132, Aloha, OR 97006-0132.

Advertising: Classified ads are free to all paid up members. Display ads are available to approved commercial interests. To place an ad, mail your camera ready copy to the address above and indicate the size desired. All display ads run for six months at a time, from January through June and July through December. All ads must be paid for in advance. Rates are as follows:

Full page	8" X 10"	$200 for six months
Half page	8" X 5"	$120 for six months
Qtr page	4" X 5"	$72 for six months
Bus.Card	2" X 3"	$36 for six months

Meetings: We have two meetings per month. The board meeting is on the fourth Wednesday of each month. All club business is conducted at this meeting. All members are welcome to attend. Contact the President for location and time. The general meeting is on the second Wednesday of each month at the Beaverton Elks Lodge. 3500 SW 104th Ave. (1 block north of Canyon Road). Meetings start at 7 PM. If you would like to come early, you can get a nice meal from the Elks for less than $6.00.

Membership: OTVARC is open to anyone who is interested in amateur radio. You do not need to be a licensed radio amateur to join. Dues are as follows: Full member, $10/yr; Associate member (non-licensed), $10/yr; Family members of full member, $5/yr; Life memberships available - see the Treasurer. Only full members and life members may vote on club business and serve as club officers. All memberships expire on the last day of the calendar year. If you would like to join during the year, see the club treasurer for prorated dues.
How to join: Simply mail the Membership application and/or renewal form along with your dues to the address above.

Internet Home Page: **WWW.OTVARC.ORG**

Editor's E-mail: ecurry@teleport.com

OTVARC
Oregon Tualatin Valley ARC
PO Box 5132
Aloha, OR 97006-0132

Address Correction Requested

PORTLAND OCT 5 1999 PM OREG.

33 USA

[redacted]

DATES TO REMEMBER
Oct. 13TH – Meeting Night